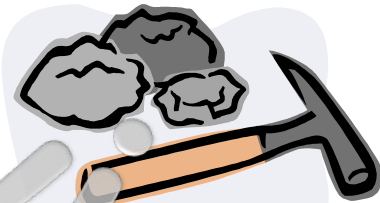


Types of Materials

Every product around us is made of at least one material. The material is chosen carefully so that the product does what it is supposed to do. *This slideshow explains some of the common materials.*





Metals

Examples	Iron, aluminium, gold
Main Features	Makes a ringing sound when struck; cold to the touch.
Hardness	Often very hard
Strength	Usually very strong
Uses	Machinery
Where does it come from?	As metal ores in the ground





Plastics

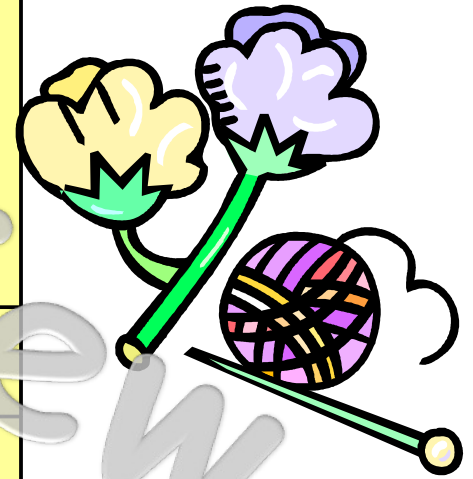
Examples	Polythene, polystyrene, PVC
Main Features	Easy to mould when hot, warm to the touch.
Hardness	Usually quite soft
Strength	Strong
Uses	Plastic boxes, pipes, toys.
Where does it come from?	Made from oil and chemicals





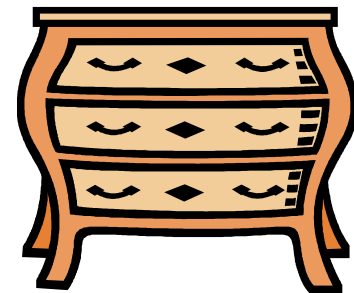
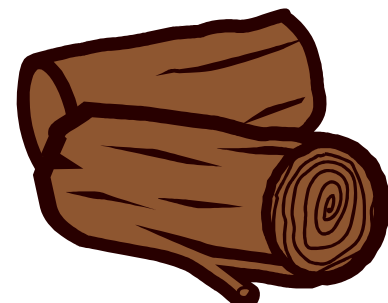
Textiles

Examples	Cotton, wool, nylon
Main Features	Easy to cut and make into sheets; very warm to the touch
Hardness	Soft
Strength	Varied
Uses	Clothing
Where does it come from?	Animals, plants, oil and chemicals



Woods

Examples	Pine, beech, oak.
Main Features	Easy to saw and cut into shape; warm to the touch
Hardness	Hard
Strength	Strong
Uses	Furniture, building frames
Where does it come from?	Trees





Rocks

Examples	Granite, sandstone, marble
Main Features	Cold to the touch
Hardness	Very hard
Strength	Very strong
Uses	Walls, surfaces
Where does it come from?	The ground

